

Title (en)
Image encoding method and image decoding method, image encoder and image decoder, and image encoded bit stream and recording medium

Title (de)
Bildkodierverfahren und Bilddekodierverfahren, Bildkodiergerät und Bilddekodiergerät, bildkodierter Bitstrom und Aufzeichnungsgerät

Title (fr)
Procédé de codage d'images et procédé de décodage d'images, encodeur d'images et décodeur d'images, et train de bits encodé d'images et support d'enregistrement

Publication
EP 2228995 A2 20100915 (EN)

Application
EP 10006634 A 20060619

Priority
• EP 06766912 A 20060619
• JP 2005272500 A 20050920
• JP 2006083524 A 20060324

Abstract (en)
The present invention makes it possible to include, when encoding processing is applied to three color components using a 4:0:0 format, data for one picture in one access unit and makes it possible to set the same time information or the same set encoding modes among the respective color components. In an image encoding system for applying compression processing to an input image signal including a plurality of color components, encoded data obtained by independently subjecting an input image signal of each of the color components to encoding processing and a parameter indicating which color component the encoded data corresponds to are multiplexed with a bit stream. In an image decoding system for inputting a bit stream in which an image signal including a plurality of color components is compressed to perform decoding processing, decoding processing of the encoded data of each of the color components is performed using a parameter indicating which color component the encoded data corresponds to.

IPC 8 full level
H04N 11/04 (2006.01); **H04N 19/00** (2014.01); **H04N 19/102** (2014.01); **H04N 19/12** (2014.01); **H04N 19/134** (2014.01); **H04N 19/136** (2014.01); **H04N 19/137** (2014.01); **H04N 19/152** (2014.01); **H04N 19/167** (2014.01); **H04N 19/169** (2014.01); **H04N 19/174** (2014.01); **H04N 19/186** (2014.01); **H04N 19/423** (2014.01); **H04N 19/436** (2014.01); **H04N 19/46** (2014.01); **H04N 19/503** (2014.01); **H04N 19/51** (2014.01); **H04N 19/513** (2014.01); **H04N 19/577** (2014.01); **H04N 19/593** (2014.01); **H04N 19/61** (2014.01); **H04N 19/625** (2014.01); **H04N 19/70** (2014.01); **H04N 19/80** (2014.01); **H04N 19/85** (2014.01); **H04N 19/88** (2014.01); **H04N 19/91** (2014.01)

CPC (source: BR EP KR US)
H04N 11/04 (2013.01 - KR); **H04N 19/107** (2014.11 - EP US); **H04N 19/109** (2014.11 - EP US); **H04N 19/12** (2014.11 - EP US); **H04N 19/124** (2014.11 - EP US); **H04N 19/152** (2014.11 - EP US); **H04N 19/176** (2014.11 - EP US); **H04N 19/186** (2014.11 - EP KR US); **H04N 19/436** (2014.11 - EP US); **H04N 19/61** (2014.11 - EP US); **H04N 19/70** (2014.11 - EP US); **H04N 21/236** (2013.01 - BR EP US); **H04N 19/107** (2014.11 - BR); **H04N 19/109** (2014.11 - BR); **H04N 19/12** (2014.11 - BR); **H04N 19/124** (2014.11 - BR); **H04N 19/152** (2014.11 - BR); **H04N 19/176** (2014.11 - BR); **H04N 19/186** (2014.11 - BR); **H04N 19/436** (2014.11 - BR); **H04N 19/61** (2014.11 - BR); **H04N 19/70** (2014.11 - BR)

Citation (examination)
EP 1909508 A1 20080409 - MITSUBISHI ELECTRIC CORP [JP]

Designated contracting state (EPC)
CH DE FR GB IT LI NL

DOCDB simple family (publication)
US 2008123972 A1 20080529; **US 8165392 B2 20120424**; BR PI0611668 A2 20120731; BR PI0611668 B1 20190618; CA 2623297 A1 20070329; CA 2623297 C 20111101; CA 2710354 A1 20070329; CA 2710354 C 20140923; CN 101218831 A 20080709; CN 101218831 B 20100721; CN 101697592 A 20100421; CN 101697592 B 20140129; CN 101707712 A 20100512; CN 101707713 A 20100512; CN 101707715 A 20100512; CN 101783942 A 20100721; CN 101783943 A 20100721; CN 101783943 B 20130306; CN 101867819 A 20101020; CN 101867819 B 20120822; CN 101867820 A 20101020; CN 101867820 B 20130529; CN 101931801 A 20101229; EP 1928184 A1 20080604; EP 1928184 A4 20091028; EP 1928184 B1 20170927; EP 2228994 A2 20100915; EP 2228994 A3 20120725; EP 2228995 A2 20100915; EP 2228995 A3 20120725; EP 2228996 A2 20100915; EP 2228996 A3 20120725; EP 2228997 A2 20100915; EP 2228997 A3 20120725; EP 2228997 B1 20171018; JP 2010110007 A 20100513; JP 4964595 B2 20120704; JP WO2007034601 A1 20090319; KR 101018504 B1 20110303; KR 101023365 B1 20110318; KR 101099865 B1 20111228; KR 101139138 B1 20120702; KR 20080040740 A 20080508; KR 20100018083 A 20100216; KR 20100097232 A 20100902; KR 20110056432 A 20110527; RU 2008115481 A 20091027; RU 2009138762 A 20110427; RU 2011119121 A 20121120; RU 2426268 C2 20110810; RU 2447611 C2 20120410; RU 2551898 C2 20150610; US 2009080534 A1 20090326; US 8320462 B2 20121127; WO 2007034601 A1 20070329

DOCDB simple family (application)
US 98052707 A 20071031; BR PI0611668 A 20060619; CA 2623297 A 20060619; CA 2710354 A 20060619; CN 200680025228 A 20060619; CN 200910222299 A 20060619; CN 200910222300 A 20060619; CN 200910225901 A 20060619; CN 200910225902 A 20060619; CN 200910225903 A 20060619; CN 200910225904 A 20060619; CN 200910225905 A 20060619; CN 201010200831 A 20060619; CN 201010200846 A 20060619; EP 06766912 A 20060619; EP 10006633 A 20060619; EP 10006634 A 20060619; EP 10006635 A 20060619; EP 10006636 A 20060619; JP 2006312248 W 20060619; JP 2006541534 A 20060619; JP 2010003114 A 20100108; KR 20087004690 A 20060619; KR 20107001015 A 20060619; KR 20107017551 A 20060619; KR 20117010050 A 20060619; RU 2008115481 A 20060619; RU 2009138762 A 20091020; RU 2011119121 A 20110512; US 91256306 A 20060619